

Title (en)
SPEED CONTROL DEVICE, WIRELESS TRAIN CONTROL SYSTEM, AND SPEED CONTROL METHOD

Title (de)
GESCHWINDIGKEITSSTEUERUNGSVORRICHTUNG, DRAHTLOSES ZUGSTEUERUNGSSYSTEM UND GESCHWINDIGKEITSSTEUERUNGSVERFAHREN

Title (fr)
DISPOSITIF DE RÉGULATION DE VITESSE, SYSTÈME DE RÉGULATION FERROVIAIRE SANS FIL ET PROCÉDÉ DE RÉGULATION DE VITESSE

Publication
EP 3421286 B1 20210519 (EN)

Application
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Priority
JP 2016055113 W 20160222

Abstract (en)
[origin: EP3421286A1] A speed control device 8 that controls a speed of a train 100 using a tachogenerator 1 includes a calculating unit that calculates, when a pulse count signal 3a obtained by conversion from an AC voltage signal 1a that is outputted from the tachogenerator 1 and corresponds to a rotating speed of a wheel 10 of the train 100 cannot be detected, a first speed using notch information 4a, route data 5a, and car characteristic data 6a and calculates, when the pulse count signal 3a can be detected, a second speed using the pulse count signal 3a. The speed control device 8 includes a position calculating unit that calculates a position of the train 100 using the speed calculated by the calculating unit.

IPC 8 full level
B60L 3/10 (2006.01); **B60L 15/20** (2006.01)

CPC (source: EP US)
B60L 3/104 (2013.01 - EP); **B60L 15/20** (2013.01 - EP); **B61L 25/02** (2013.01 - US); **B61L 25/021** (2013.01 - US); **B61L 25/025** (2013.01 - US); **B61L 27/04** (2013.01 - US); **B61L 27/20** (2022.01 - US); **B60L 2200/26** (2013.01 - EP); **B60L 2240/12** (2013.01 - EP); **B60L 2260/22** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP)

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